



The Oregon Tualatin Valley Amateur Radio Club Newsletter

August, 1987

Vol. 2 No. 15

SPOTLIGHT ON A HAM BY LORNA, KA7RFD

Living in the house where you grew up gives stability to one's life and stability is one of the things that Jeff Freedman, K7JF, has given to OTVARC. Jeff has been our Secretary for the past three years, a member of the Contest committee for four years and Assistant Editor for the past year and a half. His excellent work in reorganizing the rosters and his continued efforts to recruit new members must be admired by us all.

Jeff met Amy while both were in attendance at OSU and they were married in 1978. The family now consists of Aaron, aged seven, Ben, five and Jamie, two. Amy, N7HJD, got her Technician license two years ago and the boys are already expressing an interest in Amateur Radio.

He is currently employed as the Credit Manager for Lamb-Weston Co. after working for Industrial Leasing for eight years.

Ham radio started for Jeff after joining a class at OMSI in 1969 and his Extra licence was attained in 1974. He enjoys especially working with people on 40 and 80 meters who are new to our hobby and assisting them to get started and he's part of the Volunteer Examiners program. CW is his favorite mode but he enjoys 10-meter phone. He says he has talked to many very famous hams over the years, including the former Chairman of the FCC. He holds the DXCC Certificate and has worked 145 countries.

Jeff says how much he admires Ernie, W7AXJ and how he keeps so abreast of the new technology. "He helped me so much back when I was getting started in High school and he probably got three or four other people started who now belong to the club" Jeff recalls. "I regard him as my mentor, although I've probably never told him that."

He enjoys building equipment such as CW keyers, keyboards and various Heathkits. The fun things as he describes them and hopes one day to build a solid state transceiver. When asked about other hobbies, Jeff says "family and ham radio are my only hobbies". We can understand why.

1988 promises to be another busy year for Jeff. He'll run again for Secretary of our club "if he is asked" but has no interest in running for a higher office. He'll be in charge of setting up the station at the 1988 National Convention which will be in operation the entire time during the convention on 2 meters through 80 or 160 meters. Every participant at the Convention is invited to operate so that's going to be a tough job keeping all bands on the air for the entire time. Additionally, Jeff has been appointed by the ARRL as one of the few stations in the State of Oregon to assist in the Bicentennial celebrations.

Thanks for everything you do, Jeff and keep up the good work.



JEFF, K7JF, AND BOBBI ANTONS
AT THE OTVARC BOOTH AT SEA-PAC

Thank goodness, Field Day 1987 is over; and what an excellent weekend. The weather over-cooperated with temperatures exceeding 90 degrees, the stations went up in record time (without a hitch) and a BIG bundle of members and others came out to Champoeq Park to join in the festivities.

It all officially began Friday, June 26, however, a group of 5-10 camped out Thursday night to get a feel for the park and its surroundings. On Friday, Dee KA7NPN, Terry WB7CHK and crew went to work setting up four stations including a ten meter Novice/Tech SSB position. Thanks to "Robin Hood" Berg, WB7SIC our dipoles for 20, 40 and 80 were strung well above the highest trees. After just a couple of hours, the towers were up and guyed, the batteries and rigs were checked out and K7JF stations 1, 2 and 3 were ready to go. While trying to chase the sun and its precious shade, the Novice/Tech station with call KB7AHX was placed on a central picnic table using a vertical mounted to Dee's truck. After the set-up was complete, Dave N7DWL and Marian Funk prepared a hot dog feed with the help of what seemed (or looked) like a hundred pounds of potato salad.

The contest actually began at 11 am Saturday morning. By 11:30 the first logs were sent to Bob N7CTY and Elaine KA7LCC Riggle who spent the entire weekend behind their Commodore computer in the cook shack duping contacts. Having spent last year's Field Day doing the same job, I know it's a big, thankless chore. We really appreciate your help folks. A look through the logs shows a dupe rate of about 15 percent, which is typical for a group with multiple stations and multiple operators and loggers at each station. It also looks like most of the stations worked throughout the night, which can get pretty lonely on some of the more quiet bands.

Of course, not all of the fifty-plus in attendance came out to operate. Many visited for a relaxing weekend among the trees and Willamette River. Jack KA7H0J provided transportation for water skiers. A surprising number brought bicycles to tackle Champoeq's miles of bike paths. And still others just came out to have fun and shoot the breeze. During the weekend, we tallied 20 RVs and 13 tenters spread throughout our reserved campsite area.

When it was all over, a total of 1412 contacts were logged in 24 hours; slightly above our average in years past and not bad considering the lousy band conditions. We worked 32 states and three foreign countries, including Australia on 80 meter CW. In addition to credit for our contacts, we have requested bonus points for 100 percent emergency power, publicity (a press release was sent to local newspapers, television and radio stations), various messages received (thanks to W7AXJ) and

sent and operation using natural (solar) power. Our final score should be 4302 if all is accepted. Thanks to the computer, the operation was duped, accounted for and put to bed 30 minutes after the contest was over!

As usual with OTVARC, the entire weekend could not have been a success without the tremendous help from a great number of volunteers. Thanks to Sandie KB7AHX and the Social Committee for the great Saturday evening spaghetti feed and Sunday morning pancake breakfast. Thanks to Geno KA7KBH and Paul WB6SHR for setting up the keg and making sure the ice was on tap. Thanks to Bob KA7DYO, Ralph WB7VGS and many others of the Technical Committee for getting us on the air -- and keeping us there the entire weekend! And to the operators and loggers: John K7SHC, Mike NV7F, Jim W7JOI, Jerry K7RN, Stan KX7Y, Paul WB7BBG, Bill WC7P, Jim KA7SOQ, Barb KA7WTF, Tom KA7NAM, Van KE7BB, Randy KZ7T, Carter WB7WHO, Joanne KB7AFJ, Janet WB7FJC and others -- thanks for staying up all night and enduring the QRM. And a special kudo to Deborah, KA2JPT who took control and operated the Novice/Tech station for most of the contest all by herself.

Yes, Field Day 1987 is over. Before we know it, it will be time to start thinking about Field Day 1988. Any takers for organizing next year's Field Day committee? Anyone for discussing locations? Based upon the number of outside guests we entertained (including three new club members who signed up at the park) our operations must have been attractive so as to cause interest by some. As one of OTVARC's major activities, we owe it to ourselves to organize, plan and discuss next year's operation as soon as possible. Your comments about this year's operation as well as constructive suggestions for next year would be greatly appreciated.

MEMBERS SPORT NEW CALLS AND PRIVILEGES

Congratulations to Val Rall on her new Novice call KB7CLH. The FCC must be doing something right - Val passed her ticket at Seaside; quick six-week turnaround!

On the otherhand, Bill Eppick ex-KB7ANS passed his Extra quite some time ago. In the process, Bill requested a new call which arrived a couple weeks ago; now WC7P.

From the looks of the new Novice list courtesy of the ARRL, there are a whole bunch of amateurs taking to the air. Let's introduce ourselves and welcome them to our club and our services. All it takes is one visit.

THE PREZ SEZ BY PAUL, WB6SHR

First of all, I would like to say hello to our new members who recently joined our Club. We are happy you decided to become a member and we hope you will find time to participate in some of our club activities. If you need assistance or information, grab one of the club officers or committee leaders. They will help you get acquainted. Once again, welcome aboard.

OTVARC's 1987 Field Day was just super! We had a great time and the weather was nice and warm. Jack, KA7HOJ, brought his power boat down and some of the club members took a break from contesting and went water skiing on Saturday afternoon. All of the contest stations were busy during the entire 24 hour contest and even though the band conditions were not ideal, we made over 1,400 contacts.

The meals at Field Day were excellent as well. Sandy, KB7AHX, made homemade spaghetti sauce which, in my opinion, was the best I ever tasted. The location turned out to be ideal for many. All-in-all, it was an outstanding event.

If you like the great outdoors, set your calendar for our Annual Club Picnic/Campout coming up on August 15 and 16. The event will be held at the Maiken's Farm so get ready for a great time. We will look forward to seeing you there even if you can only join us for the picnic on Saturday. This is a perfect opportunity to bring your family and have some fun. Hope you can make it.

At the June club meeting, the club raffled off a great old style commercial receiver from a World War II Liberty Ship. Mr. Maiken, the original owner of the receiver, gave it to the club with a special request. He wanted the club to raffle it off to someone who would enjoy it. Our thanks go to Mr. Maiken for his contribution and we know that Roger, KA7RNN, who won the raffle, will enjoy this fine piece of equipment.

Sorry I missed the July meeting. I understand it was a good one. I took a little vacation to have some R & R with my family which was really needed. I will be back at the next meeting and it should be a good one. Hope to see you there.

TELEPHONE (503) 223-2228

KX7Y

STAN WEINSTEIN
ATTORNEY AT LAW

SUITE 310 BOARD OF TRADE BUILDING
310 S. W. FOURTH AVENUE
PORTLAND, OREGON 97204

AUGUST PROGRAM BY ROGER, K7RXV
AMSAT TODAY AND TOMORROW

Dave Barnard, W7LSV, Radio Amateur Satellite Corporation's Area Coordinator will be our program speaker at the August meeting.

AMSAT is a scientific membership organization open both to radio amateurs and interested non-amateurs and has assisted with the funding of various satellites beginning with OSCAR 1 in 1961.

Dave will tell us which satellites are up and active and how to use them, explain some details of computer tracking and will talk a bit about AMSAT's future plans.

FOOD-FUN-GAMES BY SANDIE, KB7AHX

Now that the stress of scoring points in our excellent Field Day effort is past, let's all get together and have some fun!

The annual OTVARC picnic is scheduled for August 15 at Maiken Farm, six miles west of Vernonia.

The menu is potluck, so plan to bring your favorite dish. Please call me at 234-9441 so I can coordinate the menu (or leave a message on the answering machine). I also need to know how many are planning to attend as the club furnishes beer, pop, coffee, plates and utensils.

Camping will also be available for Friday and Saturday nights. Come out Friday and spend the weekend or come for lunch on Saturday. The facilities are primitive but accessible for RVs and great for tents.

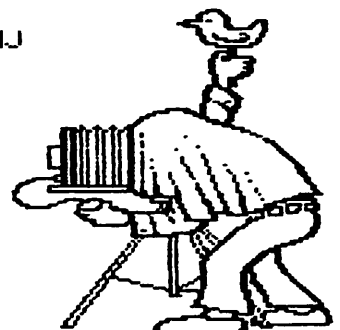
I've found a few interesting games for groups, teams and one-on-one that should add some excitement.

Come join the fun. See you there!

WARREN KNIGHT, N7BIJ

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LORNA'S LOOKOUT
EDITORIAL BY LORNA, KA7RFD

As I said in the last Newsletter. We are in a transition stage. Jeff is phasing out of the Assistant Editor position, although he has again given me a lot of help this month while I attempt to master this pesky computer program. He will continue to write articles for us keeping us updated on the Board meetings and other subjects that we need to know about.

During the past year, over 40 members have contributed articles or letters, some on a regular basis and some one-time only. I think that is a marvellous response and I thank you all for your support. Please keep them coming and please give me any ideas you have about subjects you would like covered and a resource person to write the article.

I have some offers of help and would like to have a volunteer meeting later in the summer. Vacation plans and two groups of house guests coming from England preclude my arranging this at the present time.

We are urgently in need of an Assistant Editor. Ideally I would like the situation I've had with Jeff, where I've been responsible for the content and someone is responsible for the final computer layout. At the present time we are using an Apple IIe computer using the Appleworks and Macroworks programs. Any offers?

We also need black and white photos - think about taking a camera to some of the events so we can get better picture coverage.

One final plea. There are two mentions in this issue about my embarrassing moment with the brand new Subaru. Couldn't somebody please ask if I was OK?

DATES FOR YOUR CALENDAR

AUG. 8-9	DEETH VALLEY DAZE Contact K7VDQ
AUG. 14-16	OTVARC PICNIC & CAMPOUT Maiken Farm
AUG. 14-16	HOOD TO COAST
AUG. 22-23	TACOMA HAMFAIR
SEPT. 11-13	BEAVERTON GOOD NEIGHBOR DAYS

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Automatic Keyer by Heathkit up to 30 wpm
and Hand Key
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Ray, KA7IKQ 644-5829



JANET, WB7FJC AND DEBORAH, KA2JPT
OPERATING NOVICE/TECH 10 METERS AT FD



DEE, KA7NPN WITH JIM, KA7SOQ
AT CHAMPOEG PARK



FCC VE TESTING
NORTHWEST AMATEUR
RADIO COUNCIL

AMATEUR RADIO LICENSE
EXAMINATIONS

TECHNICIAN THRU EXTRA

PORTLAND COMMUNITY COLLEGE
SYLVANIA CAMPUS
SCIENCE TECHNOLOGY BLDG, 3d FLOOR
12000 SW 49, PORTLAND

EXAMS HELD FIRST SATURDAY
OF EACH MONTH

REGISTRATION INFO:

1. COMPLETE FCC FORM 610 -- BE SURE TO INDICATE HIGHEST CLASS LICENSE YOU WILL BE ATTEMPTING
2. ATTACH COPY OF PRESENT LICENSE
3. MAKE A CHECK OR MONEY ORDER FOR \$4.25 PAYABLE TO ARRL/UEC
4. MAIL ALL THREE OF THE ABOVE TO

RANDY COBB/UE EXAMS
P. O. BOX 5097
ALOHA, OREGON 97006

DEADLINES: REGISTRATIONS MUST BE RECEIVED 30 DAYS PRIOR TO TAKING THE EXAM. WALK-INS ALLOWED ONLY IF THERE IS AVAILABLE SPACE

MORE INFO: CALL RANDY AT 649-5066

DX FOR BEGINNERS AND OTHERS
BY GREG, W7AGQ

In past columns we have concentrated on listening. I hope you will continue to do that but at this point, we should think about writing as well...as we're listening. First logging.

PLEASE, PLEASE, PLEASE keep your log in UNIVERSAL TIME. That used to be called "Greenwich Time" or the time at the observatory near London which is located at 0 degrees longitude. Over the years it has been called many things, Zulu, UTC but it is now officially "Coordinated Universal Time". At least that's what the National Bureau of Standards says every minute of every day. Catch them at 2.5 MHz, 5 MHz, 10 MHz, 15 MHz and 20 MHz on station WWV, Ft. Collins, Colorado or WWVH at Kekaha, Kauai, Hawaii. The male voice is from WWV and the female is probalby WWVH although we sometimes also hear the female announcer (tape) from station JJY in Tokyo.

These are very interesting stations that give out the time of day accurate to way beyond what we'll ever need. They will also give out lots of prorogation information, some Atlantic and Pacific weather and sometimes other information as well. The tones given are accurate and used by piano tuners to tune their equipment. If your receiver is a ham-band only rig, never fear...CHU in Ottawa, Canada can probably be copied at .335 MHz or maybe 14.670 MHz in French and English.

After you have mastered the fact that 11:37PM is really 07:37 UT look out for the date. At 5PM Pacific DAYLIGHT time, the date changes to the next day Universal Time. Here's a handy chart for us in the Pacific Time Zone.

DAYLIGHT	UNIVERSAL	STANDARD
12 NOON	*1900	11 AM
1 PM	*2000	12 NOON
2 PM	*2100	1 PM
3 PM	*2200	2 PM
4 PM	*2300	3 PM
#5 PM	*0000 MIDNIGHT	#4 PM
6 PM	*0100	5 PM
7 PM	*0200	6 PM
8 PM	*0300	7 PM
9 PM	*0400	8 PM
10 PM	*0500	9 PM
11 PM	*0600	10 PM
12 MIDNIGHT	*0700	11 PM
1 AM	*0800	12 M/NGT
2 AM	*0900	1 AM
3 AM	*1000	2 AM
4 AM	*1100	3 AM
5 AM	*1200	4 AM
6 AM	*1300	5 AM
7 AM	*1400	6 AM
8 AM	*1500	7 AM
9 AM	*1600	8 AM
10 AM	*1700	9 AM
1 AM	*1800	10 AM

I worked OF4RH, Mauri in Finland on July 5, 1987 at 4:28 PDT. I logged him in at 5 July '87 at 2328 hours. If I had waited for 33 minutes I would put him in at 0001 hours 6 July '87 even though it

was still late afternoon on the 5th here. Another example: Will in East Germany was worked Sunday night, July 5, at 9:45 PM. I logged him as 6 July '87...0445...Y57WG...Sent 5 x 9 001...RCV 5 x 9 549...14.192 MHz...100 Watts out..."Will" GDR. So you see Y57WG was worked in the evening from Hillsboro on July 5, but I logged him as being worked in the morning of the next day. No matter. Will like all other DXers keeps his logs in Universal time and date. When he gets his QSL card from me he'll know right where to look in his log. If I had sent him Pacific Daylight Time information he may or may not have taken the trouble to interpolate. At any rate I would be on his black list.

That's all for now. Keep listening... the bands are really hopping. Don't forget 10 meters, even the Novice portion...DX is starting to come in.

73 and 88 where appropriate.

REMINISCENCES BY ERNIE, W7AXJ

I was browsing through my Great-grandfather's diaries for 1877 and 1878 the other day and found several items I believe some of our club members might find interesting. He was a telegraph operator in Portland, Maine at that time and copied the press reports which originated in Boston.

In the front of the first diary is a "DIFFERENCE OF TIME" table! It shows that, when it is Noon at the Harvard College Observatory, it will be morning at all places west and afternoon at all places east. For example, it will be 12:00:16 PM in Boston, Mass. (the observatory is in Cambridge, Mass). It will be 10:53:59 in Chicago and 8:34:15 in San Francisco!

And we have trouble with time zone times and daylight time and UTC or Greenwich time!

It wasn't until many years later that the time zones were established principally for the convenience of railroad travelers.

My Father, who retired from Western Union Telegraph Company, told me that in 1877 there were no typewriters used in the telegraph business. The operators were copying by hand with a stylus and a form of carbon paper. This avoided broken pencils or problems with pen points.

Most of Grandpa's entries included the number of sheets he copied that day. Usually in the 30s and 40s but one day he copied 63 sheets!

That sounds like hard work to me. How things have changed since those "good old days"! But, then, at that time they had changed a lot since a snake induced Adam and Eve to eat an apple. QRU 73 and CUL.

ON THE AVERAGE... "T" "N" "T"
Temperature 'N Touring by MIKE, KE7HS

What does one do on a hot weekend in July? Some may foolishly go to the coast and splash around in the cool Pacific. Others may mistakenly go to the mountain lakes or immerse themselves in a local river or even a swimming pool. Tsk, tsk!

We all know that what we'd rather do is accompany nearly 200 bicycle riders from Tigard to Monmouth on a Saturday and back again on Sunday!

The weekend of July 11 and 12 saw an intrepid group of hams join the folks of the annual MS 150 Bike Tour for the benefit of Multiple Sclerosis. The event garnered nearly 200 cyclists this year who rode 150 miles to fulfill pledges from donors to MS. The happy hams were: KZ7T, Randy; KA7RFD, Lorna; KC7PS, Bud; K7YBZ, Larry; N07V, Steve and some short guy with the call of KE7HS.

Saturday 8:00AM, beautiful day. At the start line we have some celebrities, Elaine Busby of PM Magazine with Steve Jones and Steve Johnson of the Portland Trail Blazers. (I wish I had a picture of ME talking with Steve Johnson. Imagine 5'7" alongside nearly 7'.) With the ride director is KA7RFD. Following the pace vehicle, for the moment is KZ7T. Mid-pack and rover is KC7PS. Riding IN the tour and who proved to be invaluable is K7YBZ. On his motorcycle going back and forth is N07V. In the CARE-CAR van (medical and mechanical assistance) is KE7HS.

Bud should change his nickname. He has more electronic gadgets than you can think of and they're all in his vehicle. If PGE could charge him for the power consumed in his rig our rates would go down! He rigged up his video camera on a tripod between the front seats and shot scenes through the windshield. Every director wants to know what the camera sees so Bud had a color monitor sitting right on the passenger seat...unreal! Ready when you are C.B. (Cameraman Bud)

WE'RE OFF! The route to Monmouth was not severe insofar as terrain was concerned, a few hills but no gut-busters. Early on there was an abnormal number of flats and mechanical problems with some of the bikes but these were handled. As we hit West Salem about midday the heat started to do its thing. Just outside of West Salem our attention was called to a rider "laying in the bushes". Steve, N07V, made initial contact and was told by the rider that he was "just resting". The CARE van happened to pass by at about the same time and we stopped to check. John, one of the medics, took one look and ordered the gentleman into the vehicle. It's a good thing. The gent had stopped sweating and had stopped urinating, both symptoms of impending heat stroke. He rode with us. We picked up another "fare" out in the middle of the hop fields prior to St. Paul with a very bad knee. When told

that she had 20 miles to the next rest stop, she opted to ride with us.

The remainder of the day was relatively quiet (except for the Wheatland Ferry) but outside of Monmouth the word came down the line...it's a dry town!!!! WHAT?!! Apparently the riders knew in advance of this catastrophe for they arrived at Western Oregon State College (our motel) with plenty of "C-rations". That's the first time I've seen a quart beer can. Monmouth may be a dry town but for the evening of July 11 one spot of it was damn wet until some booze was confiscated by the security patrol. After riding 75 miles in 90 degree heat, who's going to blame these folks? Besides, with a 5 cent deposit on every can, Monmouth probably has a surplus in the budget by now.

The only bad part about it is the fact that the dorm walls at the college are made of Kleenex and whether you wanted it or not, you had simplex QRM without a radio till about 1:00AM.

Sunday AM dawned bright and clear, a true sign of impending heat. The main group leaves about 7:40. Good pace, about 15 miles per hour. Midday and we're approaching Champoege State Park for lunch. The pack is really spread out and it's getting hot. From here on is where things started to go awry and amateur radio really showed its stuff in helping to resolve the situation. And here I want to express my own thanks to and admiration of the operators and users of the 146.86, 146.78 and 147.3 repeaters for exemplary cooperation. We were pounding on those machines a lot.

After 125 miles, the return route from Champoege looks like the Alps to a bicycle rider. The hills were unreal in themselves and then, just outside of Wilsonville, we ran right smack into the Wilsonville Country Classic. About 1,000 cars all going to the same place which just happened to be right on the tour route. Thanks to KZ7T a traffic control was established to protect the riders.

About this time the heat is tremendous and it finally happens. A rider is down and unconscious. 911 is punched up on the 147.32 repeater and Larry, K7YBZ, really came through!!! The CARE van was transporting four riders and their bikes to Boones Ferry Road and those riders had a chance to hear amateur radio in action. I had the volume up full. Larry was cool as ice as he transmitted patient stats and vitals signs to the ambulance dispatcher...age 26, pulse 100. She was transported to Newberg Emergency and treated for heat exhaustion.

Now the word comes down that the tour director has scrubbed the remainder of the tour for safety reasons and has asked that the remaining riders stop and wait to be picked up. Without amateur radio that directive could NEVER have been carried out as quickly. The spread of the pack made CB absolutely useless.

Bud and Randy drove to the rear of the pack. Acting like a bunch of little fish nets, the support vehicles started back along the course and picked up all riders and bikes and transported them to the finish at Nike in Tigard. About 5:00PM all riders were accounted for. Our heat exhaustion victim was released from emergency and was driven to the finish by the tour director.

And that brings up another little incident. Ron, the tour director, wanted to ride in the ambulance when the young lady was being taken to emergency and he asked Lorna if she would follow in his car... his NEW car. Well, sure. Lorna, with typical British stiff upper lip, got behind the wheel and promptly asked for assistance from the ambulance driver to help release the emergency brake. Well, the ignition was not on so Lorna suddenly took an unexpected off-road tour of the grassy countryside! Ron then decided to return to the helm of his vehicle!

This event, more than any public service event that I've been involved in as a ham, brought to the forefront the tremendous value of amateur radio. The comments I received in the CARE van while K7YBZ was transmitting the condition and location of our downed rider were ones of amazement and praise. "He sounds so professional"... "He sounds like he's used a radio before". Yes, the public is still naive about hams and yes, they'll still call us CB'ers, but that weekend certainly showed what we "amateurs" can really do.

After that event, is it still...ON THE AVERAGE? 73

FRIENDLY REMINDER

Now that the Summer weather is with us, may I remind everyone that shorts for men or women are not acceptable attire at the Beaverton Elks Lodge.

We are guests at the BPOE so please adhere strictly to their dress code.

THE OTVARC NEWSLETTER is published monthly by the Oregon Tualatin Valley Amateur Radio Club, Inc. The opinions, views and recommendations of its contributors are not necessarily those of the Club, its officers, advertisers or Newsletter Committee.

Articles may be submitted to:
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9890 SW Inglewood
Portland, OR 97225.
Cutoff date for all newsletter material is the 20th of the preceeding month.

Dues for OTVARC membership are \$10.00 per year and are prorated quarterly. There is a one-time initiation fee of \$2.00.

Meetings are held on the Second Wednesday of each month at the Beaverton Elks Lodge, 3500 SW 104 Avenue, starting at 7PM. A buffet dinner is served at 6:15PM.



SEA-PAC 1987



HEARD AROUND THE CLUB BY LORNA, KA7RFD

Jim, KA7TAC, scheduled for a lens implant this month. At press time I was unable to find out how this went. Hope you're feeling just fine, Jim.

Congratulations to KC7PS, Bud and Sally who celebrated their 30th Wedding Anniversary on June 29.

Welcome home from Hawaii to Greg, W7AGQ and K7VDQ, Ray and his new bride, Carol.

Al, WB7SIC, back from a very successful trip to the National Convention in Atlanta. I understand he has several new exhibitors lined up for our '88 Convention.

Pleased to hear that the splinter group of John, NB7W; Marty, KD7LA, Jerry, ND7T had a great time at their Field Day site and made a vast amount of contacts as well.



JOHN, NB7W RECEIVES THE 10 METERS APRIL FOOL'S SSB CONTEST PLAQUE FROM K7JF

MEMBERS CELEBRATE AUGUST BIRTHDAYS

Congratulations to the following members with birthdays during the month of August:

Jenny Tyrrell	KA7SSX	Aug 1
Marge Smothers	WA6ZPX	1
Dennis Fisk	N7CME	3
Lowell Sheelar	W7NDH	7
Ralph Karls	WB7VGS	12
Mark Cattell	N7CRQ	16
Eunice Noyes	KA7WTC	20
Bill Long	N7DJW	21
Terry Lang	KA7YDF	23
Alan Roehl	K07B	24
Marty McKillip	KD7LA	24
Kari Bunch	KA7WFR	24
David Nelson	WB7REC	25
Roger May	N7BSL	28
Grattan English	KA6HGY	28
Jeff Schultz	KQ7I	29
Steve Brice	NA7T	29

OTVARC WELCOMES ITS NEWEST MEMBERS

A big "howdy neighbor" to these new members joining us in July:

Valerie Rall	KB7CLH
Gerry Stevens	WA7JWK
Rex Danton	KA7YKR
Mildred Karls	
Betty Planer	

Due to the tremendous number of new members joining us in June (thanks to the Sea-Pac Convention) we promise to run a feature on all of you in September. In the meantime, welcome aboard!

THE COFFEE MUGS HAVE ARRIVED

As promised, our OTVARC coffee mugs have arrived, well in time for the August meeting. All those who have previously ordered are asked to please pick up their mugs as soon as possible.

If you haven't purchased yours yet -- why not? They're still only \$3.75 each or six for \$20.



**AID IN
EMERGENCIES**

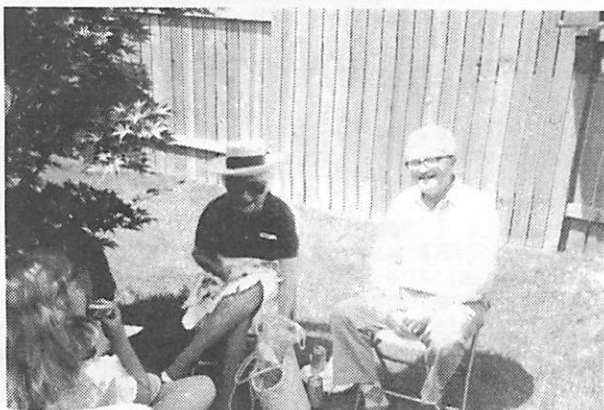
**COME FLY WITH US
CIVIL AIR PATROL**

SUPPORT C.A.P. - GET LOST !

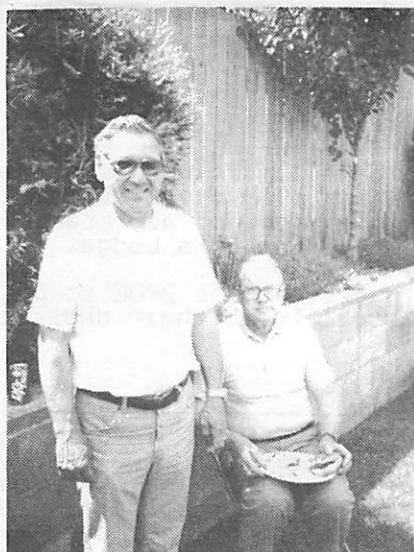
JANET BELL WB7FJC 648-8621 DAYS



BONNIE LUCAS AND DON, W6AES AT THE
NEW MEMBERS PARTY



KA6HGY, GRATTAN AND ANNE



RUSH, W7RM AND JIM, KA7TQH???

FOR SALE

One KANTRONICS KPC-2400 Never used since returned from factory upgrading.....\$200
One KANTRONICS KPC-V2.....\$120 OBO
ONE RS 64K Color Computer, 2 Disk Drives, DOS, Green Monitor, many programs including "Colorterm+" excellent for use with Packet node controllers -- All or any part - price negotiable.
Ernie Austin, W7AXJ

645-3196

There's been a lot of water under the bridge since those early days I talked about in Part I of this article. I've had 130,000 QSO's and collected 25,000 QSL's. I'm sort of retired from contesting but I often think about getting back into it. Once you've won a bunch of contests, it's hard to go back at it again because things aren't the same. Consider the following: 1. How many prefix changes have we had over the last five years or so? I haven't kept up. 2. I haven't improved my station significantly for five years. My competition has improved theirs. 3. I haven't bothered to find local noise sources and fix them for five years so there are several to find. 4. I have a more demanding job, two kids to put through college, flying lessons, an antique car and an extra business to run.

The chances of me getting serious about contesting again are less than 50%. Still I wouldn't have missed the experiences for anything and if you haven't done any contesting I recommend that you try it.

I get about four offers per year to go on various Field Day exercises. (The ARRL says Field Day is not a contest, but I know thousands who think it is.) Anyway, I generally don't go because I don't think I could participate happily in less than an all-out effort. One of my pet peeves is Field Day operators who don't know the rules. I have no patience with them. It's best that I don't participate since every FD group has at least two lads who haven't bothered to read the rules.

People who know I've done a lot of contesting often ask about the role of the computer in contesting. I've not seen a computer-aided single operator station yet that I thought was anywhere near as effective as a station that is manually operated and where the records (logs and dupe sheets) are kept manually. I have a lot of theories on why this is so but I'll save them for a future article.

Multi-operator contesting is another story entirely. A computer such as an IBM-PC with proper software should definitely be part of the contest station. The idea is that one person will operate and another will keep the records on the computer. You may be wondering why I suggested the IBM-PC (or clone) instead of the popular Commodore 64. The reason is that the 64 is generally too slow when 1,000 or so stations are in a dupe checking file. Many good programmers have spent days trying to get the 64 to do the job. For the serious tester, the 64 just won't hack it.

Want to know more about contesting? I'll the Editor and I'll write more articles detailing "how to do it" (and how not to do it). There are two excellent publications you can subscribe

to which deal almost exclusively with contesting. They are: 1. Radio Sporting Magazine and 2. National Contest Journal. Contact me and I can give you details on how to subscribe.

So, for now, you are five-nine Oregon, 73 and good luck in the contest.

PUBLIC SERVICE BY RANDY, KZ7T

Here it is August and it is getting busy in the Public Service business. First we had the Trask Motorcycle Trials which is a two-day event and lots of miles. Roy, N7DUJ; Rick, KA5OLH; Joan, KA7VXC; Jerry, K7RN; Jenny, KA7SSX; Sherrill, KA7KNG; Bud, KC7PS; Ben, N7BQN; Kari, KA7WFR; Dale, W7FBP; David, WB7REC; Wes, K7WWG and I worked this event. I sure hope I didn't miss anyone. For Trask it went very smoothly.

Mixed in with Trask we helped with a walk up on Mt. Hood. The group walked into Twin Lakes. There were supposed to be about three hundred but it wound up with six hundred walkers. Bill, W7DWT; Susan, N7EPE and Jim, WB7PRL did a great job and I mean that. One of the leaders called me that night and couldn't say enough about how nice it was to have the hams there.

We had another double event weekend on July 11 and 12. At the Hagg Lake Triathlon the crew of Van, KE7BB; Jim, AE7W; Roy, N7DUJ; Janet, WB7FJC; Rex, KA7YKR; Rick, KA5OLH; Joan, KA7VXC; John, NB7W and Jim, KB7ADH did a great job. A little about Jim, KB7ADH. One of his charges was the communication portion of the race. This guy is so organized that when we had decided where each ham would be positioned, he went out and put their call signs on the pavement. I wish that I was that well organized.

The second part of the twin weekend was the MS150 for the Multiple Sclerosis Society. It is a two-day 150 mile bike ride from Beaverton to Monmouth and back on the second day. Last year we spent the night in Bud's trailer. This year we spent the night in the dorms at Western Oregon State College. Bud's trailer was better. I have never slept on such a hard mattress. I don't know how the students stand it for a whole year.

We had one emergency and thank heavens we were there. One cyclist passed out from heat exhaustion and we had to call in the ambulance. Then we had a series of phone calls that had to be made from out there and good old 732 came through like a champ. Thanks to Lorna, KA7RFD; Bud, KC7PS; Mike, KE7HS; Steve, N07V and Larry, K7YBZ for helping me out there. We are going to make Lorna our official driver from now on, especially if it is a brand new four-wheel drive Subaru - it coasts very well across the highway, down in the ditch and out into the field. Thank heavens not a scratch on the new car, but Ron, the owner and director of the event, aged a couple of years. A final note the MS150 brought in \$70,000 to find a cure and help those with MS.

CHESS VIA RADIO BY BRUCE, NI7M

After a long day at work, it is sometimes difficult to motivate myself to drive to the "Big City" to play chess. I've often thought that it would sure be nice to play someone without having to travel a long distance.

One solution to this dilemma is chess via Amateur Radio. Amateur Radio operators (known as "hams") routinely turn on their rigs, call CQ (an international code for "Hello, Anyone Listening?") and talk to people from (literally) all over the world. The conversations typically revolve around the things the two operators have in common; their equipment and ham radio activities. I've often thought "Gee, if only hams who played chess had a common time and place to meet on the air, they could have a truly international chess club that meets weekly".

I wasn't the first (or the only) person to have this idea. Vince Luciana (K2VJ) from New Jersey, took this concept and developed it into CARI - Chess Amateur Radio International. They now have over three hundred members from places like Italy, New Zealand, Great Britain, Switzerland and from all over the USA.

The most common spot on the band to hear them is 14.267 MHz at 1800 GMT on Sundays. (That's 11AM Pacific Daylight Time.) If you aren't a ham, your best bet is to find a ham. That can usually be done by looking in the yellow pages for an electronics store that carries Amateur Radio equipment. Ask them for the name and number of a contact person for a local Amateur Radio club. Call that person. They will be very friendly, but probably will not have heard of CARI. Explain that you would like to "check in" to this net on Sunday and ask for assistance. Most Amateur Radio clubs will be more than happy to help. Hopefully, they will connect you with someone who lives near you. (If you find ham radio interesting enough, they can also provide instruction on how to get your license.)

But one thing I've noticed about the US CARI members that you hear on the air; they are mostly from the East Coast. I'm hoping that this article will help stimulate a little more interest in the Northwest. Being in the same time zone is a great convenience when trying to set up a meeting time on the air. Also, the equipment requirements (particularly antennas) for regional communications are considerably less than that for continental or international distances.

Local communications (50-100 miles) are even easier. Handheld radios in the 2 meter (144-148 MHz band with access to repeater stations are one of the most common pieces of ham equipment.

If you are interested in learning more about "Chess Via Radio", here is CARI's address and my own, along with my phone number and additional net times and frequencies.

CARI's address:

CARI
PO Box 682
Cologne, New Jersey, 08213

Author:

Bruce W. Cheney
31925 NE Canter Lane
Sherwood, OR 97140
503-625-5747

Other CARI nets:

Saturdays:	1400 GMT	3.867 MHz
	1500 GMT	7.267 MHz
Daily:	1900 GMT	28.367 MHz

Bruce was formerly the President of the TI Chess Club and Director of the Dallas, Texas Team Chess League. His service to Amateur Radio includes being Communication Co-ordinator for the Portland Marathon, an office he shares with N07V.

THE OTVARC TRAVELERS BY TONY, KA7ZDE

We had a great campout in July at Skamakowa Vista Park on the Washington side of the Columbia River - a super lookout point to watch the ships pass by. Saturday was a little wet but it cleared up by Sunday and the 12 units in attendance had a good time. We had a delicious potluck on Saturday and Jim, KA7SOQ sure cooked up some good chicken.

Those in attendance included N7DZR, Willis and Norma; KA7SOQ, Jim; KA7TZU, Dale and Betty; W6AES, Don and Betty; WB6SHR, Paul and Bonnie; KA7RNN, Roger and KA7T2T, Marvel with a whole group of friends, KA7ZIK, Jerry and Bobbie; KA7KBH, Geno in his new travel trailer which we all admired and Bobbi and myself.

The next campout will be held in conjunction with the OTVARC picnic at Maiken's Farm on August 14, 15 and 16. There's plenty of room for campers and tents but remember you must be self contained. No need to make any reservations either.

Labor Day weekend a special outing is planned. We'll rendezvous in Port Angeles on Saturday, September 5, take the first ferry over to Victoria on Sunday morning, spend the day there and come back to Port Angeles on the last ferry of the day and make our way homewards on Labor Day, Monday the 7th. No vehicles on the ferry, we'll just be foot traffic, so if you don't have camping equipment just plan to spend a couple of nights in a motel in Port Angeles and join the group on Sunday. Let me know if you need reservations for your rigs, but I don't plan on making motel reservations unless warranted by the demand. This sounds like a fun trip and we hope a lot of you will join us.

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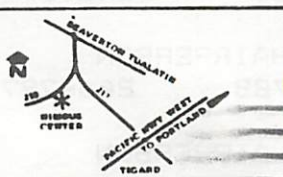
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